

Team Meeting

September 15, 2016

5:00pm

JML 82

Meeting called by: The Dev-elopers

Type of meeting: First team meeting

Attendees: Kelie, Craig, Gretchen, Ben, Dev

Minutes

Agenda item: Make sure all contracts are distributed and signed

Discussion:

All team members must have reviewed and signed the contract. We all must have agreed and keep a copy of the contract as well as include one in the portfolio and give one to Dev.

Conclusions:

The team agrees to the contract as a whole

Agenda item: Project Learning

Discussion:

We talked about project learning and what was expected of us as a team and individuals. Dev wanted to make it clear that he is looking to see that we can work independently and efficiently. Our team talked about how often we were expected to work on this project per week as well as how to address deadlines and concerns. The project learning played into the discussion of our first client meeting. The meeting will be 9/16/16 at 11am with Dr. Nathan Schiele.

Conclusions:

We decided on weekly team meetings before meeting with our lead instructor, Dev. Spending a total of 2-2.5 hours a week in a mandatory group discussion. This allows us to be involved and facilitate in each team member's individual assignments. Before meeting with Dr. Schiele we need to have a clear understanding of the project so we can develop a list of questions and specifications we would like to ask our client.

Action items	Person responsible	Deadline
✓ Develop questions for client	All team members	9/16/16
✓ Read over the powerpoint from client about project	All team members	9/16/16

Team Meeting

September 16, 2016

11:00am

BE Student Lounge

Meeting called by: The Dev-elopers

Type of meeting:

Meeting with Client

Attendees: Kelie, Craig, Gretchen, Ben, Dev, Dr. Schiele

Minutes

Agenda item: Discuss expectations with Client

Discussion:

All team members asked individual questions as well as questions as a whole. Dr. Schiele talked to us about what he expects and showed us the current apparatus.

Conclusions:

We have committed and are excited to being working with our client to develop something he finds suitable for his apparatus as well as allowing us a better understanding of an engineering design project.

Team Meeting

September 22, 2016

3:30pm

ThinkTank

Meeting called by: The Dev-elopers

Type of meeting: Weekly team meeting

Attendees: Kelie, Craig, Gretchen, Ben

Minutes

Agenda item: Meeting Minutes

Discussion:

The team discussed how meeting minutes would be circulated. We also discussed how to circulate and allow all team members to have access to all documents.

Conclusions:

We agreed to make a OneDrive account via VandalMail. This allows us all to have access as well as Dev.

Action items	Person responsible	Deadline
✓ Set up OneDrive account	Kelie	N/A

Agenda item: Project Learning – Project Ideas

Discussion:

After meeting with our lead instructor and client last week as well as reviewing the project specifications we wanted to move on to brainstorming ideas.

Conclusions:

We talked about different camera options as well as certain factors we would like within the recording apparatus. Dev discussed with us what he believed was important.

Action items	Person responsible	Deadline
✓ Research cameras and other design options	All team members	N/A
✓ Find a time to meet with student using tendon apparatus	Ben	N/A
✓ Get Judy to allow Ben and Craig access to JML	Kelie	N/A

Team Meeting

September 29, 2016

3:30pm

ThinkTank

Meeting called by: The Dev-elopers

Type of meeting: Weekly team meeting

Attendees: Kelie, Craig, Gretchen, Ben, Dev

Minutes

Agenda item: Discuss Research

Discussion:

Team members talked about options they found as far as cameras and speckling patterns.

Conclusions:

Kelie looked into a camera called the GoPro Hero Session. Seems to meet all criteria we would like but all team members will continue to research other options as well as that option. Gretchen and Ben have been discussing speckle patterns for measuring and calculating the stress and strain of the tendons

Action items	Person responsible	Deadline
✓ Look into camera specs	Kelie and Craig	N/A
✓ Look into speckle patterns	Gretchen and Ben	N/A

Agenda item: Meeting with Abby

Discussion:

Ben has secured a meeting to see the apparatus and have it demonstrated for us by the student, Abby, working with the apparatus.

Conclusions:

We will all meet with Abby on 9/30 at 9am. Kelie spoke with Dr. Schiele and he will also be attending to allow us a little more insight to what he would like.

Action items	Person responsible	Deadline
✓ Think of questions for Abby & Dr. Schiele	All team members	N/A

Team Meeting

October 6, 2016

3:30pm

ThinkTank

Meeting called by: The Dev-elopers

Type of meeting: Weekly team meeting

Attendees: Kelie, Craig, Gretchen, Ben, Dev

Minutes

Agenda item: Last week's action items

Discussion:

We met with Abby and all had our individual as well as team questions answered.

Conclusions:

After meeting with Abby, we have decided to move focus onto understanding the coding.

Action items	Person responsible	Deadline
✓ Get codes from abby	Craig & Ben	N/A

Agenda item: Snapshot

Discussion:

Snapshot is this coming Tuesday October 11th. How are we going to proceed and divide up tasks?

Conclusions:

With snapshot coming up, we decided making a poster would be the most professional way to approach it rather than using regular printer paper to make out poster. This way we can go in easier and edit and review what we had at every prior snapshot. Kelie will begin a template.

Action items	Person responsible	Deadline
✓ Get poster template uploaded online	Kelie	N/A
✓ Meet with Dr. Schiele to talk about poster and snapshot	All team members	Friday 10/4
✓ Work on getting poster done	All team members	Sunday 10/6 9pm
✓ Send poster to copy center on campus	Kelie	Monday Noon

Team Meeting

Snapshot Recap

October 13, 2016

3:30pm

ThinkTank

Meeting called by: The Dev-elopers

Type of meeting: Weekly team meeting

Attendees: Kelie, Craig, Gretchen, Ben, Dev

Minutes

Agenda item: Last week's action items

Discussion:

Meeting with Dr. Schiele was completed, Poster was done on time.

Conclusions:

All snapshot requirements and actions items from last week were met.

Agenda item: Snapshot Recap

Discussion:

Snapshot overall went very well. After talking with Dev and Dr. Schiele, we realized that our team is looking at things a little differently than they would like.

Conclusions:

After we discussed the camera and what Dr. Schiele and Dev would like to see out of the camera. We decided as a team to switch gears. The team was moving in a direction different than Dr. Schiele wanted to see. Luckily we got this figured out a little early. Kelie has decided to meet with Dr. Schiele in a few weeks after researching CMOS and CCD cameras. The team will begin to focus more on coding and mounting.

Action items

- ✓ Start understanding coding
- ✓ Talk to Dev about borrowing his camera

Person responsible

All team members
All team members

Deadline

N/A
N/A

Team Meeting

October 20, 2016

3:30pm

ThinkTank

Meeting called by: The Dev-elopers

Type of meeting: Weekly team meeting

Attendees: Kelie, Craig, Gretchen, Ben, Dev

Minutes

Agenda item: Discuss progress on coding and camera

Discussion:

Ben and Craig have been working with Matlab

Conclusions:

We will continue working on the coding and getting them to work together (matlab and labview). Kelie met with Dr. Schiele and has a good understanding of the cameras and what he wants. She will put together a table that will be ready to present at the design review with some cameras that are in budget and what we are wanting. Gretchen will be looking into labview some more.

Action items

- ✓ Start understanding coding
- ✓ Find a time to get Dev's camera

Person responsible

All team members
Kelie or Gretchen

Deadline

N/A
N/A

Team Meeting

October 27, 2016

4:00pm

ThinkTank

Meeting called by: The Dev-elopers

Type of meeting: Weekly team meeting

Attendees: Kelie, Craig, Gretchen, Ben, Dev

Minutes

Agenda item: Discuss progress on coding and camera

Discussion:

Camera has been picked up. Kelie is giving it to Ben to get put into a computer. He will work on getting realtime recording. Gretchen had a hard time getting the right version of labview but will try on a different computer. Kelie is going to begin looking into getting a complete understanding of the labview code. We are going to consider getting a matlab incorporating script to be used in labview.

Conclusions:

The team will continue with getting the camera to work simultaneously with labview and matlab.

Team Meeting

November 3, 2016

3:30pm

ThinkTank

Meeting called by: The Dev-elopers

Type of meeting: Weekly team meeting

Attendees: Kelie, Gretchen, Ben, Dev

Minutes

Agenda item: Design Review

Discussion:

Design review needs to be completed by 11/18/16. A time and place is determined. We need to begin working on a presentation. Idaho pitch is 11/15 which is also the day of our design review. We will be doing both on the same day. Our review will only be 30-40 minutes max.

Ben has also got the camera and coding up and running together! We will continue working on that.

Conclusions:

Design review needs to be finalized by Kelie but should be planned for November 15th at 4pm in EP in the BE conference room on the 4th floor. Dr. Schiele, Dev, and the team will attend anyone else is welcome.

Action items

- ✓ Get design review date and place finalized
- ✓ Start working on presentation

Person responsible

Kelie
All team members

Deadline

Nov 4
N/A

Team Meeting

November 10th, 2016

4:00pm

ThinkTank

Meeting called by: The Dev-elopers

Type of meeting: Weekly team meeting

Attendees: Kelie, Gretchen, Ben, Craig, Dev

Minutes

Agenda item: Design Review and pitch competition

Discussion:

Design review will be worked on as a team on Sunday November 13th. Ben will prepare a pitch for the Idaho Pitch competition on the same day.

Ben will work on getting the camera and Matlab code functional.

Conclusions:

Design review presentation will be completed this weekend. We will have a short meeting after the design review and pitch competition next Tuesday, November 15th, instead of having a meeting the Thursday before Thanksgiving break.

Action items

- ✓ Camera to matlab functional
- ✓ Finish working on presentation

Person responsible

Ben
All team members

Deadline

Nov 15
N/A

Team Meeting

December 1st, 2016

4:00pm

ThinkTank

Meeting called by: The Dev-elothers

Type of meeting: Weekly team meeting

Attendees: Kelie, Gretchen, Craig, Dev

Minutes

Agenda item: Snapshot

Discussion:

Snapshot is December 2 from 8:30 to 10:30. We will each work on updating different sections of the previous snapshot poster.

Conclusions:

Snapshot poster will be completed December 1st. We have no conflicts and can all be in attendance to snapshot.

Action items

✓ Revise and add to snapshot poster

Person responsible

All team members

Deadline

Dec 2

Team Meeting

December 8th, 2016

4:00pm

ThinkTank

Meeting called by: The Dev-elopers

Type of meeting: Weekly team meeting

Attendees: Gretchen, Ben, Craig, Dev

Minutes

Agenda item: Action items for over break

Discussion:

Wiki page, portfolio and log book review due December 9th. Ben will install the fire wire camera into a computer in JML so that all team members can look into the live feed Matlab code.

Conclusions:

Over winter break all team members will have action items to work on to keep the project moving forward.

Action items	Person responsible	Deadline
✓ Set up firewire camera in JML	Ben	Jan 12
✓ Get camera to matlab code working	Ben	Jan 12
✓ Gain a better knowledge of how LabView works	Craig	Jan 12
✓ Gain a better knowledge on image acquisition in matlab	Gretchen	Jan 12
✓ Look into live feed with go pros	Kelie	Jan 12